



# COPY

ALTERNATIVE TO PTO/SB/08a/b (07-05)

Substitute for form 1449/PTO				<i>Complete If Known</i>	
				Application Number	10/661,165
				Filing Date	September 11, 2003
				First Named Inventor	Ravinder S. DHALLAN
				Art Unit	1634
				Examiner Name	E. Whisenant
Sheet	1	of	3	Attorney Docket Number	543312000420

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/EW/	1.	US-5,985,260-A	11-16-1999	Shanbrom	
	2.	US-6,033,861-A	03-07-2000	Schafer et al.	
	3.	US-6,117,679-A	09-12-2000	Stemmer	
	4.	US-6,132,970-A	10-17-2000	Stemmer	
	5.	US-6,153,410-A	11-28-2000	Arnold et al.	
	6.	US-6,165,793-A	12-26-2000	Stemmer	
	7.	US-6,177,263-B1	01-23-2001	Arnold et al.	
	8.	US-6,180,406-B1	01-30-2001	Stemmer	
	9.	US-6,183,958-B1	02-06-2001	Stanton, Jr.	
	10.	US-6,269,957-B1	08-07-2001	Bowers et al.	
	11.	US-6,277,638-B1	08-21-2001	Stemmer	
	12.	US-6,280,949-B1	08-28-2001	Lizardi	
	13.	US-6,287,861-B1	09-11-2001	Stemmer et al.	
	14.	US-6,291,242-B1	09-18-2001	Stemmer	
	15.	US-6,297,053-B1	10-02-2001	Stemmer	
	16.	US-6,323,009-B1	11-27-2001	Lasken et al.	
	17.	US-6,323,030-B1	11-27-2001	Stemmer	
	18.	US-6,344,356-B1	02-05-2002	Stemmer	
	19.	US-6,357,601-B1	03-19-2002	Bowers et al.	
	20.	US-6,365,375-B1	04-02-2002	Dietmaier et al.	
	21.	US-6,372,497-B1	04-16-2002	Stemmer	
	22.	US-6,379,896-B1	04-30-2002	Stanton, Jr.	
	23.	US-6,395,547-B1	05-28-2002	Stemmer	
	24.	US-6,413,774-B1	07-02-2002	Stemmer et al.	
	25.	US-6,440,706-B1	08-27-2002	Vogelstein et al.	
	26.	US-6,444,468-B1	09-03-2002	Stemmer et al.	
	27.	US-6,506,602-B1	01-14-2003	Stemmer	
	28.	US-6,518,065-B1	02-11-2003	Stemmer	
	29.	US-6,537,746-B2	03-25-2003	Arnold et al.	
	30.	US-6,573,098-B1	06-03-2003	Stemmer	
	31.	US-6,573,300-B2	06-03-2003	Chang et al.	
	32.	US-6,582,906-B1	06-24-2003	Cao et al.	
	33.	US-6,602,986-B1	08-05-2003	Stemmer et al.	
	34.	US-6,617,137-B2	09-09-2003	Dean et al.	
	35.	US-6,638,722-B2	10-28-2003	Ji et al.	
	36.	US-6,642,034-B2	11-04-2003	Lizardi	
	37.	US-6,673,541-B1	01-06-2004	Klein et al.	
	38.	US-6,673,551-B2	01-06-2004	Stanton, Jr.	
	39.	US-6,703,228-B1	03-09-2004	Landers et al.	
	40.	US-6,780,593-B1	08-24-2004	Galibert et al.	
	41.	US-6,977,162-B2	12-20-2005	Dhalla	

Examiner Signature	/Ethan Whisenant/	Date Considered	08/10/2007
--------------------	-------------------	-----------------	------------

Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	10/661,165
				Filing Date	September 11, 2003
				First Named Inventor	Ravinder S. DHALLAN
				Art Unit	1634
				Examiner Name	E. Whisenant
Sheet	2	of	3	Attorney Docket Number	543312000420

<b>FOREIGN PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
/EW/	42.	WO-02/055985-A2, A3	07-18-2002	Roche Diagnostics Corporation		
	43.	WO-03/001181-A2, A3	01-03-2003	Quest Diagnostics Incorporated		

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

<b>NON PATENT LITERATURE DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
	44.	Anker, P. et al. (April 1997). "K-ras Mutations are Found in DNA Extracted from the Plasma of Patients with Colorectal Cancer," <i>Gastroenterology</i> 112(4):1114-1120.				
	45.	Cheung, V.G. et al. (December 1996). "Whole Genome Amplification Using a Degenerate Oligonucleotide Primer Allows Hundreds of Genotypes to be Performed on Less Than One Nanogram of Genomic DNA," <i>PNAS</i> 93:14676-14679.				
	46.	Dean, F.B. et al. (April 16, 2002). "Comprehensive Human Genome Amplification Using Multiple Displacement Amplification," <i>PNAS</i> 99(8):5261-5266.				
	47.	Dhallan, R. et al. (Published online February 2, 2007 and published in journal February 10, 2007). "A Non-Invasive Test for Prenatal Diagnosis Based on Fetal DNA Present in Maternal Blood: A Preliminary Study," <i>The Lancet</i> 369(9560):474-481.				
	48.	Fan, S. et al. (August 12, 1998). "Down-Regulation of BRCA1 and BRCA2 in Human Ovarian Cancer Cells Exposed to Adriamycin and Ultraviolet Radiation," <i>International Journal of Cancer</i> 77(4):600-609.				
	49.	Fortinà, P. et al. (2001). "DOP-PCR Amplification of Whole Genomic DNA and Microchip-Based Capillary Electrophoresis," <i>Methods Mol. Biol.</i> 163:211-219.				
	50.	Gadkar, V. et al. (January 1, 2005). "Application of Phi29 DNA Polymerase Mediated Whole Genome Amplification on Single Spores of Arbuscular Mycorrhizal (AM) Fungi," <i>FEMS Microbiology Letters</i> 242(1):65-71.				
	51.	Gusev, Y. et al. (July 2001). "Technical Advance: Rolling Circle Amplification - A New Approach to Increase Sensitivity for Immunohistochemistry and Flow Cytometry," <i>American Journal of Pathology</i> 159(1):63-69.				
	52.	Hielm, S. et al. (February 1998). "Genomic Analysis of <i>Clostridium Botulinum</i> Group II by Pulsed-Field Gel Electrophoresis," <i>Applied and Environmental Microbiology</i> 64(2):703-708.				
	53.	Hosono, S. et al. (April 14, 2003). "Unbiased Whole-Genome Amplification Directly From Clinical Samples," <i>Genome Research</i> 13(5):954-964.				
	54.	Hughes, G.R. et al. (March-April 1971). "The Release of DNA into Serum and Synovial Fluid," <i>Arthritis and Rheumatology</i> 14(2):259-266.				
▼	55.	Imamura, A. et al. (1996). "Short Communication: Prenatal Diagnosis of Adrenoleukodystrophy by Means of Mutation Analysis," <i>Prenatal Diagnosis</i> 16:259-261.				

Examiner Signature	/Ethan Whisenant/	Date Considered	08/10/2007
--------------------	-------------------	-----------------	------------

Substitute for form 1449/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
Sheet	3	of	3	Attorney Docket Number	543312000420
				Application Number	10/661,165
				Filing Date	September 11, 2003
				First Named Inventor	Ravinder S. DHALLAN
				Art Unit	1634
				Examiner Name	E. Whisenant

/EW/	56. Kösel, S. et al. (May 8, 2001). "Inter-Laboratory Comparison of DNA Preservation in Archival Paraffin-Embedded Human Brain Tissue from Participating Centres on Four Continents," <i>Neurogenetics</i> 3(3):163-170.	
	57. Kusaka, T. et al. (October 2000). "Analysis of K-ras Codon 12 Mutations and p53 Overexpression in Colorectal Nodule-Aggregating Tumors," <i>Journal of Gastroenterology and Hepatology</i> 15(10):1151-1157.	
	58. Leon, S.A. et al. (March 1977). "Free DNA in the Serum of Cancer Patients and the Effect of Therapy," <i>Cancer Research</i> 37:646-650.	
	59. Maiwald, M. et al. (May 1995). "Evaluation of the Detection of <i>Borrelia Burgdorferi</i> DNA in Urine Samples by Polymerase Reaction," <i>Infection</i> 23(3):173-179.	
	60. Moreton, J.A. et al. (1999). "Use of Virkon as a Disinfectant for Clinical Samples Carrying a High Risk of Infection in Inductively Coupled Plasma Mass Spectrometry," <i>Journal of Analytical Atomic Spectrometry</i> 14:893-894.	
	61. National Kidney and Urologic Diseases Information Clearinghouse. (December 2005). "Urinary Tract Infections in Adults," NIH Publication No. 06-2097, located at < <a href="http://kidney.niddk.nih.gov/kudiseases/pubs/utiadult">http://kidney.niddk.nih.gov/kudiseases/pubs/utiadult</a> >, last visited on April 26, 2007, nine pages.	
	62. Reaney, P. (February 1, 2007). "New Down's Test Eliminates Miscarriage Risk," located at < <a href="http://www.reuters.com">http://www.reuters.com</a> >, one page.	
	63. Siva, S.C. et al. (February 3, 2003). "Evaluation of the Clinical Usefulness of Isolation of Fetal DNA from the Maternal Circulation," <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> 43(1):10-15.	
	64. Smirnov, D.A. et al. (May 2004). "Method for Manufacturing Whole-Genome Microarrays by Rolling Circle Amplification," <i>Genes, Chromosomes, &amp; Cancer</i> 40(1):72-77.	
	65. Supplementary European Search Report mailed on January 10, 2007 for EP Application No. 03 74 9291.5, five pages.	
	66. Supplementary European Search Report mailed on January 22, 2007 for EP Application No. 04 71 6171.6, five pages.	
	67. Supplementary European Search Report mailed on July 4, 2006 for EP Application No. 03 74 3737.3, three pages.	
	68. The Internet Pathology Laboratory. (Date Unknown). "Human Immunodeficiency Virus (HIV)," located at < <a href="http://library.med.utah.edu/WebPath/TUTORIAL/AIDS/HIV.html">http://library.med.utah.edu/WebPath/TUTORIAL/AIDS/HIV.html</a> >, last visited on April 11, 2007, seven pages.	
	69. Unrau, P. et al. (August 5, 1994) "Non-Cloning Amplification of Specific DNA Fragments from Whole Genomic DNA Digests Using DNA 'Indexers'," <i>Gene</i> 145(1):163-169.	
	70. Wang, G. et al. (May 21, 2004). "Balanced-PCR Amplification Allows Unbiased Identification of Genomic Copy Changes in Minute Cell and Tissue Samples," <i>Nucleic Acids Research</i> 32(9): e76, 10 pages.	
	71. Wells, D. et al. (1999). "Detailed Chromosomal and Molecular Genetic Analysis of Single Cells by Whole Genome Amplification and Comparative Genomic Hybridisation," <i>Nucleic Acids Res.</i> 27(4):1214-1218.	
V	72. Zheng, S. et al (June 2001). "Whole Genome Amplification Increases the Efficiency and Validity of Buccal Cell Genotyping in Pediatric Populations," <i>Cancer Epidemiology, Biomarkers, &amp; Prevention</i> 10:697-700.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Ethan Whisenant/	Date Considered	08/10/2007
--------------------	-------------------	-----------------	------------